



>>Entry Name: Leucylglycylglycine, 9Cl, 8Cl

Related CAS Registry Numbers(s): 4337-37-5 18625-22-4
(H3C)2CHCH2CH(NH2)CONHCH2CONHCH2COOH

Molecular Formula: C₁₀H₁₉N₃O₄

Molecular Weight: 245.278

Accurate Mass: 245.137557

Percentage Composition: C 48.97%; H 7.81%; N 17.13%; O 26.09%

>>Variant: L-form

CAS Registry Number: 1187-50-4

Molecular Formula: C₁₀H₁₉N₃O₄

Molecular Weight: 245.278

Accurate Mass: 245.137557

Percentage Composition: C 48.97%; H 7.81%; N 17.13%; O 26.09%

Physical Description: Cryst. (2-propanol aq.)

Optical Rotation: [α]_D²⁰ +57.3 (c, 5.01 in H₂O)

>>Derivative: 4-Nitrophenyl ester

CAS Registry Number: 55010-76-9

Molecular Formula: C₁₆H₂₂N₄O₆

Molecular Weight: 366.373

Accurate Mass: 366.153936

Percentage Composition: C 52.45%; H 6.05%; N 15.29%; O 26.20%

Physical Description: Cryst. (EtOH/Et₂O) (as hydrobromide)

Melting Point: Mp 191-195° (hydrobromide)

Other Data: CAS no. refers to hydrobromide

>>Derivative: *N*-Benzyloxycarbonyl

CAS Registry Number: 14297-22-4

Molecular Formula: C₁₈H₂₅N₃O₆

Molecular Weight: 379.412

Accurate Mass: 379.174337

Percentage Composition: C 56.98%; H 6.64%; N 11.08%; O 25.30%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 144-145°

Optical Rotation: [α]_D²⁵ -14.28 (c, 4.96 in 95% EtOH)

>>Derivative: *N*-Benzyloxycarbonyl, Et ester

CAS Registry Number: 20806-85-3

Molecular Formula: C₂₀H₂₉N₃O₆

Molecular Weight: 407.466

Accurate Mass: 407.205637

Percentage Composition: C 58.95%; H 7.17%; N 10.31%; O 23.56%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 103-105°

Optical Rotation: [α]_D²⁵ -10.98 (c, 5.01 in 95% EtOH)

>>Derivative: *N*-Benzyloxycarbonyl, benzyl ester

CAS Registry Number: 72722-20-4

Molecular Formula: C₂₅H₃₁N₃O₆

Molecular Weight: 469.536

Accurate Mass: 469.221287

Percentage Composition: C 63.95%; H 6.65%; N 8.95%; O 20.44%

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 117-118°

Optical Rotation: [α]_D²¹ -11.7 (c, 2 in dioxan)

>>Derivative: *N*-Benzyloxycarbonyl, 4-nitrophenyl ester